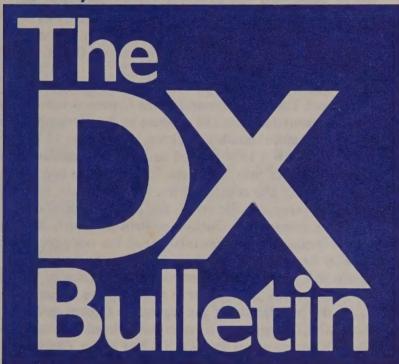
Micronesia - V6 Kenwood ARC (JA1YKX) members will operate from V6 Sept. 10-14, on 80-6 meters, including the new bands, on SSB, CW, and RTTY. Calls include V63AK (JN1ATL); V63HN (JK7EIG); V63HS (JK1QHK); V63HY (JH4BGH); V63KM (JQ1VNM); V63MI (JL1STM); V63MO (JG1EGG); and V63TI (JH9JFH). QSL via Masafumi Oikawa JG1EGG, 3-34-6 Yako, Tsurumi-ku, Yokohama-city 230 Japan. (Japan DX News.)

Cayman Islands - ZF Ken Cheetham G4RWD will operate as ZF1WD Sept. 21-28, on all bands, concentrating on CW. QSL home call. (DXNS.)

Cayman Islands - ZF Dave Robinson G4FRE is on as ZF1IQ to Aug. 31. He will concentrate on the new bands; try 18.5 kHz up from band edges on CW. QSL Dave at 324 Birch Parkway, Wyckoff NJ 07481. Edited by Chod Harris VP2ML



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Nicaragua- YN TI2YO, TI2CC, TI2SPY, and TI2MCL will operate s YNOTI Sept. 11-16, on all bands, including RTTY, celebrating FRACAP '92. Try 7088, 7185, 14195, 21195, and 28295 kHz on SSB, and 14087 kHz on RTTY. QSL via TI2MCL, P. O. Box 49-1017, San Jose 2000, Costa Rica.

Christmas Island - VK9X Karl VK6XM will operate as VK9XM from Christmas (OC-002) Sept. 12-26. QSL home call.

Trindade - PYØT PYØTUP is available in an occasional list operation on 7215 kHz at 2200, with PY4VB as MC. He leaves Trindade Oct. 15. QSL SSB QSOs via PT7BI, and CW contacts via PY1RO. (OPDX.)

Lord Howe Island - VK9L The VK9LS/LT operation by JA2NQG and JAØGZ (see Issue 651) has been postponed until February, 1993.

Shortly Noted

- PA6QRP is a special-event QRP station Sept. 18-22, from location near the Dutch coast. Mostly CW, some SSB, on the QRP frequencies. (<u>DXpress.</u>)
- F2JD, who was very active as 5V7JG, begins a six-month assignment in Kenya 5Z next month. He will try to overcome recently erected barriers to visitors obtaining amateur radio licenses. (LNDX.)
- GB2NTS is another Scottish Tourist Board special-event station Sept. 19-20, from Culzean Castle, Maybole, Ayrshire. This coincides with the fourth annual 8-Nations National Trust event, with 10 stations active. Awards.
- VA3200M is a special-event station Sept. 1-14, commemorating the bi-centennial of Sir Alexander Mackenzie's crossing of North America by land. All bands 160-10 meters, including the new bands, on CW and SSB. QSL to VE3XN.
- AP/WA2WYR John Gagen leaves Pakistan Oct. 1, after some 16,000 CW and RTTY contacts. He'll pack most gear Sept. 20, leaving a barefoot rig and dipole on to his departure. Try 21029.5 kHz at 16-1800Z, listening up 1-2 kHz. QSL to Ken Swanson KK6TX, whose new address is 941 Jennifer St., Incline Village NV 89451.
- XT2BW returns to Burkino Faso Sept. 1, after a vacation in the US. QSL WB2YQH.
- SSB Nets: check-ins: 7180: (06Z) 5V7DP 9V1YQ D2EL; 14227: (11,22Z) EL2PP JWØF T22AA T3ØJH F6BLQ/D2 V85AA YJØAFU V31JF; 14236: (02Z) S79KMB 8R1L KH3AF YI1BGD; 14256: (2330Z) FH8CB FR5ZQ/G D2FGC; 21335: (14Z) S21A ZS9A J28YC.

Islands On The Air

- WF1N and NT1L will be active from Appledore island in the Isles of Shoals (NA-148) Sept. 11-14. SSB on the IOTA frequencies: 14260, 21260, and 28460 khz. KA1DIG and K1SCN are additional operators. QSL WF1N.
- K2BR will once again be active from Absecon Island (NA-111) Sept. 14-19, at the Miss America Pageant in Atlantic City. Try 25 kHz up from General-class band-edges on SSB, and 65 Khz up on CW. QSL with a business-sized envelope to SCARA, Box 121, Linwood NJ 08221.
- 4V4H will be on from Tortunga Island (NA-149) north of Haiti Sept. 18-20. Operators are HH2PK, HH2JO, and HH2Z. 80-10 meters, CW and SSB. QSL via KA9RLJ. (OPDX.)
- DL@HRO will be on from Usedon Island (EU-129) Aug. 27-30. 160-10 meters, SSB, CW, and RTTY, with DL5KZA, DL5KWA, DL9GSA, and DL9GGA operating. QSL via the DARC bureau, or direct to Box 2073, O-2500 Rostock, Germany.
- OZ1DYI is on from Roma Island (EU-125) to Aug. 30, on 80-10 meters. QSL home call.
- The GØKTD Isles of Scilly operation (see Issue 651) will be at the end of September, not August.

Propagation Forecast and Historical Data

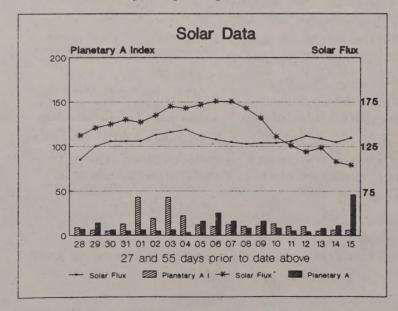
Day Forecast	27 Days Before		55 Days Before	
August 1992	Date	Flux A K	Date Flux A K	
28 High Normal	08/01	110 08/09 2	07/04 137 02/07 1	
29 High Normal	08/02	125 03/06 1	07/05 146 11/14 2	
30 High Normal	08/03	131 03/05 1	07/06 150 05/06 1	
31 Low Normal	08/04	131 11/13 4	07/07 155 02/05 1	
September 1992				
01 Disturbed	08/05	131 34/43 3	07/08 152 03/06 1	
02 Low Normal	08/06	138 16/19 2	07/09 160 03/05 1	
33 Disturbed	08/07	141 20/43 2	07/10 170 06/06 2	
04 Low Normal	08/08	144 20/22 3	07/11 168 02/03 1	
05 High Normal	08/09	137 12/12 3	07/12 172 16/16 3	
06 High Normal	08/10	133 11/10 2	07/13 176 22/25 4	
07 High Normal	08/11	130 12/12 2	07/14 176 18/16 3	
08 Low Normal	08/12	128 12/10 2	07/15 168 08/08 1	
09 Low Normal	08/13	129 06/10 2	07/16 157 10/16 2	
10 Low Normal	08/14	129 09/13 2	07/17 136 07/08 2	
11 Low Normal	08/15	131 07/10 2	07/18 126 04/05 2	
12 Low Normal	08/16	137 08/10 0	07/19 119 04/04 1	
13 High Normal	08/17	134 02/05 0	07/20 124 07/08 2	
	TO			

A major geomagnetic storm clobbered the bands last weekend. Signals through polar and auroral latitudes disappeared, and maximum useable frequencies (MUFs) elsewhere were depressed. The geomagnetic storm caused multi-pathing, flutter, and lowered signal-to-noise ratios on most paths. At one point, the planetary K index reached 8, suggesting DXers should catch up on QSLing.

Propagation Watch

The Sunspot region whose flares caused this geomagnetic storm rotated to the back side of the sun on Aug. 25, leaving a nearly spotless sun behind. We can expect solar activity, and solar flux, to fall this week, just the opposite of what we predicted last week. Look for flux to fall below 100, reducing the chances of openings on 10 and 12 meters.

The bands have been picking up as we approach the equinox Sept. 22. 15 meters shows more long-haul DX, and 17 meters provides sustained openings. 20 meters continues to be the best place to seek DX, in the absence of geomagnetic storms. Look for improving conditions over the next week, with a slight chance of another series of solar flares, and subsequent geomagnetic storminess.



Zimbabwe 10-Meter Beacon

The Zimbabwe Amateur Radio Society maintains the Z21ANB beacon on 28250 kHz, running 8 watts into a ground-plane antenna 34 feet up. Grid square is KG49. The Society reports that rotating power blackouts have put the beacon off the air at times. If listeners don't hear the beacon, they request checking the beacon several times, to ensure that the outage isn't temporary. [The 10-meter beacon list is available from The DX Bulletin for a large SASE.]

1B1NCC - Pirate?

A station signing 1B1NCC was active in late June and early July. The station said it was the club station of the Northern Cyprus Amateur Radio Society, and was licensed by the Turkish Republic of Northern Cyprus. While DXers scrambled for their DXCC countries lists, several Greek and 5B Cyprus stations denounced the operation on the air, claimed it was an illegal, pirate operation, and should not be worked. Even the Greek Ministry of Telecommunications got in the act, officially declaring 1B1NCC a pirate, unauthorized operation. Greek and 5B Cypriot stations tried to jam 1B1NCC.

The complete story of the antagonism between the Greek and Turkish communities on Cyprus is too lengthy for this report (see the DX column in the November issue of CQ) for more details.) In short, an invasion of Cyprus by Turkish troops in 1974 has led to a de facto division of the island of Cyprus into two parts. The southern two thirds remains under the control of the internationally recognized Cyprus government. However, the northern third of the island has been under Turkish control for nearly 20 years. The only country that has recognized the self-proclaimed Turkish Republic of Northern Cyprus is Turkey, whose troops in Cyprus have prevented re-unification of the island.

Since officially (if not in practice) the entire island is under the jurisdiction of the legitimate Cyprus government, the 1B1NCC operation is technically illegal. Contacts with 1B1NCC won't count for DXCC. Nor is the Turkish Republic of Northern Cyprus likely to become a new DXCC country. Dozens of United Nations resolutions have condemned the illegal invasion and occupation. Without some recognition by some neutral countries, the Turkish Republic of Northern Cyprus will remain a non-country. [While there is one DXCC entity that lacks international recognition, it maintains its DXCC status by virtue of history: Taiwan.]

Contributors

This Issue of <u>The DX Bulletin</u> would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AAØCX, <u>DXNS</u>, <u>DXPRESS</u>, GØITX, G4FRE, <u>JADXN</u>, KØCVD, K1HDO, K1VWL, K2AJY, K2PEQ, K4LNA, K6IR, K6LEB, K8OQL, KA1BSZ, KA3DBN, KA7T, KDØZR, WF1N, KG4O, KK6TX, KM9J, KN4FY, KQ3S, <u>LNDX</u>, <u>OPDX</u>, N1HN, N2CYL, N2GLH, N6JM, NM7M, NV8N, VE1RJ, VE1YX, VE3XN, WØCJZ, WØJRN, WØRXL, W1BFT, W3ULI, W6JOX, W6UQF, W8CT, W9HAO, WB2YQH, WB6JMS, WB8YJF, WB8ZRL, WD9GGY, WO6R, and KG6I. Many thanks! - ed.

$B \cdot A \cdot N \cdot D \cdot P \cdot A \cdot S \cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

S M W S 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 2 5 30 31 1 4 3 6 7 8 9 10 11 12

RTTY **4N7M** 14088 2215 15 MC 21085 2300 15 MO **5U7M** 5V7DP 14087 0642 14 OH 9A1CCY 14086 2145 17 CA 14091 0536 CX6AI 16 OH 14086 0035 D2FI 18 FI ES7QF 14091 0449 14 OH HC8K 21080 0006 16 MC 14079 1824 HH2PK 15 FL HP2CWB 14087 0300 21 CA 0031 14 OH JW2IJ 14090 14092 0358 13 OH KG4CB OA4MM 14080 0430 18 CA P₂₉BT 14089 1221 16 OF 14087 2035 12 OH SU1AH UAØKZ 14081 1605 16 CA 14083 UJ8JCQ 0220 12 MO 14089 0310 18 CA VR6BX ZS6NW 14087 0637 14 OH

80 Meters FM4CW 3525 0107 15 CT

75 Meters **FK8CB** 3798 1026 15 MD 0145 15 MD FR5DX 3796

40 Meters 3XØHNU 7004 0020 18 IA 5V7DP 7060 0626 15 CA 2355 14 WV 7Q7LA 7005 0925 15 CA **BV2DJ** 7004 FS4PL 7016 0440 15 MN **HL3VQ** 7007 1238 15 MD HP1AC 7031 0111 18 CT 13 **OX3KM** 7057 0541 CA

2311 16 MA **PYØTUP** 7214 PYØTUP 7005 2345 11 IA 15 MD 7180 1007 V63JC VK5BUS 7001 1022 8 VA ZA1J 7003 0355 18 IA

30 Meters

3B8CF 10103 0301 17 MN 10115 0015 18 CT **3XØHNU** 10107 0503 11 NY A22MN 10105 1230 18 MN **BV2TA** D2FGC 10104 2119 15 18 NY **D44BS** 10104 0002 10106 0609 12 OH FK8FS **HL1IUA** 10102 1122 15 MN 0711 21 CA KH2FT 10106 0453 18 CO 10105 KH8/ G4ZVJ OD5/ 10103 0125 12 GA SP1MHV 10105 0049 18 CT **OY1CT** P₂9JA 10105 1205 20 MN **PYØFF** 10105 0331 15 MN UO50LW 10103 0330 16 MN 10106 0130 18 CT ZA1J ZS6QU 10104 2159 15 CT

20 Meter CW

3A2GL 14007 1415 14 CA 3B8CF 14036 0344 17 MN 3B8FG 14023 0252 12 IL **4J4JJ** 14011 0313 18 ND 4K2MAL 14002 0405 12 CA 4S7EA 14010 2340 16 MN 4S7WP * 14004 12 1135 IA CO 5H3NII 14016 0228 15 **5W1MS** 14003 1150 21 MN 7X4AN 14009 2310 11 NH 9A1CRU 14013 0450 15 GA 9M2AX 14026 1130 16 MN 14026 0113 18 MN 9X5HG A22GH 14010 1435 16 WA AP/ 14030 0145 11 WA2WYF 1148 17 IL **BV2DM** 14023 15 CA 14026 1355 **BV4CT** 1625 16 MN BV7DP 14027 C9RJJ 14010 0543 16 OH C9RZZ * 14020 1326 16 MN 16 CO D2FGC 14015 0025 EA8BCJ 14015 0445 15 GA FM5FE 14003 1213 13 VA FO5BI/P 14002 0415 16 CA FP/VE1KM 14008 2234 14 NH 14019 0319 18 MN FR5DD FR5DD * 14021 1214 17 14016 0915 15 CA H44AP **HKØER** 14025 2250 20 MN HS1CDX 14018 0958 15 MD HZ1AB 14025 1437 11 NY JT1CS 14023 0158 14 MI JWØF 14007 2150 16 GA JW5PGW 14022 1232 15 CO OD5 14021 0020 14 CA SP1MHV 14006 0353 14 CO 0500 22 CA R₂₂A 14023 TL8PH 14020 2150 15 IA **UAØOFZ** 14009 0409 16 CA UAØZAJ 14026 1157 17 UA9KCN 14003 0452 18 CA **UF7FWW** 14025 0154 10 ID **UF7FWW** 14029 2154 17 NY **UIBAA** 14018 0026 16 MN **UI8IZ** 14017 0153 14 MI 14033 0152 19 CT **UI9BWO UI9BWO** 14027 1250 18 MN **UJ8KA** 14015 0206 17 MN 0315 **UL8GWJ** 14018 13 IL **UM8DX** 14028 0215 13 GA 14015 0130 15 **UM8MQ** MN V85AA 14022 1315 15 CO 1225 VI4FOW 14027 14 VK5BUS 14026 1201 20 CT VK9NL 14018 1134 12 MA VQ9RB 14022 1220 17 MN 14005 0445 CA VU2KSE 13

YB3OSE

14012

1227 19 MN

YN1CC 14029 1336 12 OH YO8FZ 14019 0356 17 CA Z23J0 * 14023 1417 17 WA ZA1K 14023 2120 16 MN 14023 2220 18 CA ZA1Z 14009 0440 16 MN 7K1AI ZS6BI * 14023 1252 13 MI

20 Meter SSB

17 Meter CW

18080 5NØZKJ 1608 17 NS D2FGC 18070 2140 16 GA HKØZKJ 18074 1900 14 NH 18070 OD5/ 1941 15 ID SP7LSE UC2AAA 18082 1341 15 CT **UF7FWW** 18079 1533 16 CT VQ9QM 18081 1754 16 MD

17 Meter SSB

5R8GW 18130 1801 13 MA C.I8PW 18120 1500 16 MA D2/F6BLQ 18124 2035 14 CO **D44BS** 18140 1229 17 NS FR5DX 18130 1629 17 NS HKØEOP 18122 2041 14 MN 18136 1846 16 MA PZ1EL **UF7FWW** 18123 1334 18 MN **UM8MCW 18140** 0107 18 MN 13 MN 18133 0145 **VP9NM** XX9AW 18127 1300 17 NS Z21HJ 18130 1520 17 NS

15 Meter CW

21035 1827 18 MN 5H3YT 5Z4FM 21007 2050 15 IA

1630 15 7P8SR 21013 **7Q7XX** 21005 1500 15 W **9J2BO** 21006 1351 14 NH 9,1257 21007 1510 13 IA 9X5HG 1410 21024 15 IA 21028 0107 CA AP/ 18 **WA2WYR 21028** 1635 17 MN C9RJJ 21031 1659 19 CO FO5BI 21028 1815 17 NY OD5/ 21015 1410 15 IA SP1MHV P71AV 21014 1955 16 GA T77C 21021 1411 14 OH 1408 13 OH TR8YA 21034 XQØYAF 21028 1600 15 NY

15 Meter SSB

12 Meter CW

24895 2205 16 CA **ZL2ANT** 1835 13 NH **ZP6CW** 24900

12 Meter SSB

D2/F6BLQ 24949 1328 15 MA **V73DO** 24950 2241 16 CA

10 Meter SSB

MD 3X0HNU 28530 1640 16 6Y5IC 28475 2325 15 MD D2/F6BLQ 28530 1632 16 MD HP1XQN 28490 2129 15 MD

47

Current and Future DXpeditions

Carront	CITTO	. ataic	DAPOUILI	7110
(Changes and hot	info in	n boldface.)	ALCOHOL: N	
DXCC Country	Prefix	Callsign	Dates	Issue
Angola	D2	D2FGC	to Aug. 31	1649
		D2/F6BLQ	to Sept. 3	1649
Anguilla	VP2E		Sept. 10-17	I651
Antigua	V2	/KE9I	Aug. 31-Sept.	5 1651
Aruba	P4	P40P	Sept. 7-9	I651
Bangladesh	S2	S21A	20/15M SSB 1	600Z I64
British Virgin Is.	VP2V/	KE9I	Sept. 5-10	I651
Cayman Islands	ZF	ZF1WD	Sept. 21-28	I652
		ZF1IQ	to Aug. 31	I652
Christmas Island		VK9XM	Sept. 12-26	I652
Ethiopia	ET	ET3JR	now active	I651
Fiji	3D	3D2SL	Sept. 8-13	1650
Glorioso	FR/G	FR5ZQ/G	Now	1647
		FR5ZU/G	Sept. 5-20	1651
Guinea-Bissau	J5	J5UAI	Now active	I641
Iraq	YI	YIØEB	now active	1646
Juan de Nova/Eur	ropa	FR5ZU/J/E	Sept. 21-Oct. 1	16 1651
Kuwait	9K	9K2MC	14185 2330Z	
Lebanon	OD5/	SPs	now authorize	ed 1639
		OD5RH	to Aug. 30	I648
Lord Howe Island	d	VK9LS/LT	Postponed	1652
Malta	9H/		EAU Aug. 15-S	ept. 15
Mauritania	5T	5T5CJ	17M 1500Z	1639
Micronesia	V6	V63SM	Sept. 4-13	1650
		V63s	Sept. 10-14	I652
Namibia	V5/	DJ6SI	Now	I651
Nicaragua	YN	YNOTI	Sept. 11-16	I652
Niue Island	ZK2	ZK2VJ	Aug. 26-Sept.	
		ZK2??	late Sept.?	1650
Oblast 062	RB5X	/RB5UE	July 1-Sept.	1643
Sierra Leone	9L	9L1JC	to Sept. 1	1650
South Cooks	ZK1	ZK1HJ	Sept. 1	1650
Svalbard	JW	JW5NM	Now active	I632
Tanzania	5H	5Н3СС	to Aug. 28	1648
			ITY to Sept. 4	1649
Tonga	A3	A35??	Sept. 13-21	1650
Trindade	PYØ	PYØTUP	to Oct. 15	1652
Vietnam	XV	XV7TH	21295 13-167	
Wallis & Futuna	FW	FW1FM	17M 08-10Z	
Wake Island	KH9/		to Sept. 1	1649
Western Samoa	5W	5W1??	Sept. 22-Oct.	

Operating Events and DX Gatherings

Event Reference	e:
New Orleans International D	X Convention
All Asian DX Test SSB	QST
Bulgarian DX Test CW	QST
Worked All Europe SSB Test	t <u>QST</u>
W9DXCC Convention	<u>1640</u>
CQWW RTTY Contest	CQ
DXPO 92, Washington DC	
CQWW SSB Contest	CQ
	New Orleans International D All Asian DX Test SSB Bulgarian DX Test CW Worked All Europe SSB Test W9DXCC Convention CQWW RTTY Contest DXPO 92, Washington DC

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Albania	ZA1Z	14022±	22-0500Z
Algeria	7X4AN	14007±	23-0200Z
Angola	F6BLQ/D2	18122	2030Z
Angola	F6BLQ/D2	21252	1800Z
Angola	D2FGC	10102	2115Z
Angola	D2FGC	14015	0030Z
Angola	D2FGC	18070	2200Z
Asiatic Russia	UA9KCN	14003	0400Z
Belarus	UC2AAA	18080	1345Z
Botswana	A22MN	21301	16Z Sat.
Easter Island	XQØYAF	15M CW	16-2200Z
Georgia	UF7FWW	14026±	02Z, often
Hong Kong	VS6WV	14193±	1145Z
Korea	HL900	14187	1200Z
Kyrgyzstan	UM8DX	14020±	0200Z



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DXCC Country	Callsign	Freq.	UTC
Lebanon	OD5/SP7LS	E 18070	1945Z
Lebanon	OD5/SP1M	HV 20M C	W 0000Z
Macao	XX9GD	14186	1120Z
Malawi	7Q7LA	21268	1700Z
Mauritius Island	3B8CF	10105±	0300Z
Mauritius Island	3B8FG	14022	0300Z
Nicaragua	YN1CC	20M CW	1330Z
Pakistan	AP/WA2W	YR 14029	0145Z
Qatar	A71BV	14222	2100Z
Reunion Island	FR5DD	14021	1215Z
Rwanda	9X5HG	14015±	0100Z
Sri Lanka	4S7WP	14003	1115Z
Taiwan	BV2DM	14015±	1200Z
Taiwan	BV4CT	14026	1400Z
Tanzania	5H3NU	14018	0230Z
Uzbekistan	UI8AA	14010±	0030Z